

Message

From: Michael Dourson [dourson@tera.org]
Sent: 3/27/2019 10:19:51 PM
To: Savitz, David [david_savitz@brown.edu]; Dunlap, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=591eb15a268249dda0c05a7451f765c3-Dunlap, Dav]
CC: Andrea Hinwood [Andrea.Hinwood@epa.vic.gov.au]; Þórhallur Ingi Halldórsson [tih@hi.is]
Subject: Re: PFAS SETAC International Meeting

Gentlemen

Many thanks for your attention for this international meeting. I will follow up with these nice suggestions next week when I am back from vacation.

Cheers!

Michael



Toxicology Excellence For Risk Assessment: A 501c3 environmental science NGO

—Public outreach and education see: <http://tera.org/Global/Outreach/index.html>.

On Mar 27, 2019, at 12:57 PM, Savitz, David <david_savitz@brown.edu> wrote:

David,

Several suggestions, perhaps all of which would be better than me! First would be Chris Lau at EPA, among the leading toxicologists in this area, a very active, influential member of the PFAS Science Panel in Michigan, and more attuned to the regulatory side than I am, not to mention that he lives in the area. Scott Bartell meets all those criteria as well but is an epidemiologists and is at UC, Irvine so it would be more of a challenge. From the State of Michigan, Kory Groetch is a toxicologist who is really well-informed and thoughtful, at the interface of the public health and science. Hopefully one (or more) of them will be able to join.

Best of luck.

David

On Wed, Mar 27, 2019 at 10:18 AM Dunlap, David <dunlap.david@epa.gov> wrote:

Dr. Savitz,

It's a shame that you will not be able to personally attend this important meeting. As you know understanding and ultimately managing potential risks associated with PFAS exposures is a top priority for the USEPA.

I anticipate EPA's Office of Research & Development having a large contingent of scientists at this meeting. And as noted below, having a broad range of perspectives to discuss approaches, rationales and uncertainties can only help to advance the science forward and help the Agency with the challenge ahead.

As chair of the Michigan PFAS work group your insight would have been invaluable. Might it be possible for you to send someone in your place?

DDD

David D. Dunlap

Deputy Assistant Administrator

US Environmental Protection Agency

Office of Research & Development

Personal Matters / Ex. 6

From: Savitz, David <david_savitz@brown.edu>

Sent: Wednesday, March 27, 2019 5:07 AM

To: Michael Dourson <dourson@tera.org>

Cc: Andrea Hinwood <Andrea.Hinwood@epa.vic.gov.au>; Þórhallur Ingi Halldórsson <tih@hi.is>; Dunlap, David <dunlap.david@epa.gov>

Subject: Re: PFAS SETAC International Meeting

Thanks very much to all of you for the invitation, but I've got commitments at that time that force me to decline. Sorry to miss the conference and not be a part of what looks like a very interesting meeting.

David

On Tue, Mar 26, 2019 at 6:39 AM Michael Dourson <dourson@tera.org> wrote:

Dear Dr. Savitz,

My co-chairs Andrea Hinwood and Thorhallur Halldorsson invite you to participate in an upcoming breakout session of the international SETAC PFAS meeting. The meeting will be held on August 12-15, 2019, at the Durham Convention Center, North Carolina, details of which can be found at <https://pfas.setac.org>.

As you know, fundamental differences exist between jurisdictions in the application of PFAS-specific study outcomes; in study choice and critical effect; in use of toxicokinetics, and/or dosimetry, clearance rates, and

modeling; and in the judgment of exposure and/or safety factors to derive ecological and human health safe doses and corresponding criteria (e.g., TLVs, Health Advisories). Our session on risk characterization is aimed at documenting these differences and providing an understanding of the rationale for the approaches used and the uncertainties around the corresponding criteria. It is proposed to use a panel session to address the basis on which several national jurisdictions have developed criteria, and, where possible, to attain common ground on what might be used for risk characterisation in a breakout session that includes other authorities, such as yourself, and other attendees.

The session will start with a overview on how different authorities have estimated safe concentrations (i.e., criteria/guidelines) from individual PFAS and mixtures in the environment/food to human and ecological receptors. This will be followed by an overview (5 to 10 minutes) of salient features of PFAS positions from each of five different national authorities leaving time for a panel discussion.

After this session, a more broadly inclusive break-out group, and one in which your expertise would be invaluable, will discuss topics such as:

- Support for choices of critical effect, appropriate experimental animal species, and uncertainty or safety factor;
- Scientific data used to select biological half-lives and other key toxicokinetic characteristics among specific species and between genders;
- Modelling approaches used to derive criteria;
- The chemical and physical properties used to estimate exposure and uptake;
- Consideration of an integrated approach for the development of human health and ecological criteria;
- Potential for use of a TEF approach and its basis for some PFAS compound classes; if so, which ones;
- Validation of exposure/ concentration, uptake, and effects; for example, a qualitative 'sensitivity analysis' of uncertainties; or a discussion on how the potential magnitude of these uncertainties affect jurisdictional criteria.

Your contribution to this meeting and discussion of Michigan's approach would be highly valued. The costs of your travel would be met by the organisers to enable you to attend this meeting. We look forward to hearing from you.

Sincerely,

Michael L. Dourson

Director of Science

Toxicology Excellence For Risk Assessment

A 501c3 environmental science NGO

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Executive Director Applied Science
& Chief Environmental Scientist
Environment Protection Authority Victoria

Professor Thorhallur Halldorsson
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